

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		Page 1 of 38 Pages		
2. AMENDMENT/MODIFICATION NO. 001		3. EFFECTIVE DATE September 11, 1998		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY Bureau of Reclamation Lower Colorado Region P.O. Box 61470 Boulder City NV 89006-1470		CODE http://www.lc.usbr.gov/~g3100/		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP code)				(✓)		9A. AMENDMENT OF SOLICITATION NO. 98-SI-30-12420	
				✓		9B. DATED (SEE ITEM 11) August 24, 1998	
						10A. MODIFICATION OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[X] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [X] is not extended.

Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning 1 copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. **IMPORTANT:** Contractor [] is not [] is required to sign and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

Project Title: Resurfacing Parking Area and Miscellaneous Roadway Construction, Hoover Dam and Powerplant, Boulder Canyon Project, Nevada

Purpose of Amendment: The purpose of this amendment is to make corrections to: (1) Foreword, and (2) the Specifications; and (3) incorporate the updated Department of Labor Wage Determination.

Receipt of Bids: The date and time for receipt of bids remains September 23, 1998 at 2:00 p.m., local time. The place for receipt of bids remains the Bureau of Reclamation, Lower Colorado Regional Office, Annex Building, Room AA-123, Nevada Hwy and Park Street, Boulder City, Nevada.

Acknowledgment: See block 11 above regarding how to acknowledge this amendment. The acknowledgment must be received at the place designated for receipt of offers (see block 14 of the "Solicitation, Offer, and Award," Standard Form 33).

Bid Modification: See block 11 above if you have submitted your bid and now desire to modify it or withdraw it.
(Continued on following page)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
_____ (Signature of person authorized to sign)		BY _____ (Signature of Contracting Officer)	

Description of Changes:

1. In the FOREWORD, the quantities of bituminous surfacing and wheel stops are corrected to agree with the quantities in the bid schedule.

Instructions: In the solicitation, remove the FOREWORD (pages 1 and 2) and replace with the attached revised FOREWORD (pages 1 and 2).

2. Corrections are made to the quantities of bituminous surfacing and wheel stops in the specifications to agree with the quantities in the bid schedule.

Instructions: In Section C, remove the following pages and replace with the attached revised pages:

Remove Pages

C-1 and C-2
C-42 and C-43

Replace with Revised Pages

C-1 and C-2
C-42 and C-43

3. An updated U.S. Department of Labor Wage Rate Determination is hereby incorporated.

Instruction: In Section J, Attachment 1 (U.S. DOL Wage Rate Determination: Clark County, Nevada), remove General Decision No. NV980005, Modification No. 2 dated 08/14/1998, in its entirety (30 pages), and replace with the attached General Decision NV980005, Modification No. 4 dated 08/28/1998 (30 pages).

RESURFACING PARKING AREA
AND
MISCELLANEOUS ROADWAY CONSTRUCTION
HOOVER DAM AND POWERPLANT
BOULDER CANYON PROJECT -- NEVADA

FOREWORD

Work to be performed, in accordance with the attached specifications and drawings, includes the resurfacing of the Nevada Spillway Parking Lot located at Hoover Dam. Additional work involves repairs to the U.S. Highway 93 bridge approaches and bridge joints; including replacement of elastomeric expansion devices, repair of a steel plate expansion dam, and repair or replacement of approximately 10 feet of roadway surfacing on each side of the two expansion devices.

The work is situated at Hoover Dam and Powerplant which is located approximately 7 miles, via U.S. Highway 93, northeast of Boulder City, Nevada, in Clark County, Nevada.

The principal components of the work to be performed under these specifications include the following:

- a. Excavation, removal, and disposal of existing bituminous surfacing from the Nevada Spillway Parking Lot (approx 33,000 sq. ft.) Includes removal and salvage of 45 wheel stops from existing parking spaces.
- b. Removal of approximately 4 inches of existing base material.
- c. Compaction of sub-base material; including placement and compaction of fill material in areas that have settled or require over-excavation to reach suitable sub-base material.
- d. Furnishing and placing aggregate base course; approximately 400 cubic yards.
- e. Furnishing and placing liquid asphalt prime coat.
- % f. Furnishing and placing plant-mix bituminous surfacing; approximately ~~300~~ **375** tons.
- % g. Reinstalling existing wheel stops and furnishing and installing ~~40~~ **20** new wheel stops for additional parking spaces. Painting stripes in the lot and reinstalling signs.
- h. Sandblast cleaning of expansion joints in the concrete driveway to the Nevada Spillway Parking Lot. Cleaned joints will be filled with caulking material that adheres to concrete.
- i. Removing existing elastomeric expansion devices and furnishing and installing new elastomeric expansion devices at the U.S. 93 bridge joints.

- j. Repair existing steel plate expansion dam at joint between U.S. 93 bridge and Visitor's Center Parking Structure approach bridge.
- k. Repair or replacement of the pavement adjacent to the expansion joints at each end of U.S. 93 bridge in order to smooth out the transition.
- l. Removal of existing wooden guardrail at three locations along the Lower Portal Road; approximately 750 linear feet combined length. Furnishing and placing W-Beam guardrail at four locations along the Lower Portal Road; approximately 860 linear feet combined length.
- m. Assembling and installing approximately 543 linear feet of Government-furnished aluminum bridge railing on the parapet wall of the U.S. 93 bridge.
- n. Assembling and installing the Government-furnished aluminum sunshade above the elevator door of the 5th level of the Visitor Center Parking Structure.

PROSPECTIVE BIDDERS ARE STRONGLY URGED TO VISIT THE SITE AND INSPECT THE EXISTING INSTALLATION. PROSPECTIVE BIDDERS DESIRING TO VISIT THE SITE OF WORK SHOULD CONTACT MR. JACK DELP, CONSTRUCTION ENGINEER, LOWER COLORADO DAMS FACILITIES OFFICE, HOOVER DAM, ARIZONA-NEVADA, TELEPHONE: (702) 293-8281.

FOR DATE AND PLACE OF BID OPENING, SEE "SOLICITATION, OFFER, AND AWARD", STANDARD FORM 1442, IN PART I, SECTION A.

FOR INFORMATION REGARDING BUREAU OF RECLAMATION'S PUBLICATION "RECLAMATION SAFETY AND HEALTH STANDARDS" (1993 EDITION) WHICH IS APPLICABLE TO WORK UNDER THIS CONTRACT, SEE CLAUSE AT "WBR 1452.223-81 SAFETY AND HEALTH".

THE SOLICITATION DOCUMENTS ARE ALSO AVAILABLE, FREE OF CHARGE, FROM THE BUREAU OF RECLAMATION, LOWER COLORADO REGION, CONTRACTS TEAM WEB SITE. THE FILES ARE IN ADOBE ACROBAT PDF FORMAT. THE INTERNET ADDRESS OF THE PAGE FOR THIS PROJECT IS: <http://www.lc.usbr.gov/~q3100/con12420.html>.

SECTION C - STATEMENT OF WORK/SPECIFICATIONS/WORK STATEMENT

SUBSECTION C.1 - GENERAL REQUIREMENTS

C.1.1. The Requirement

It is required to be constructed and completed, in accordance with the contract provisions and clauses, these specifications, and the attached drawings, Resurfacing Parking Area and Miscellaneous Roadway Improvements, Hoover Dam and Powerplant, Boulder Canyon Project, Lower Colorado Dams Facilities Office -- Nevada.

The work is situated at Hoover Dam and Powerplant which is located approximately 7 miles, via U.S. Highway 93, northeast of Boulder City, Nevada, in Clark County, Nevada.

C.1.2. Description of the Work

The work included in this solicitation is to resurface the Nevada Spillway Parking Lot which is adjacent to Hoover Dam. Additional work involves repairs to the U.S. Highway 93 bridge approaches and bridge joints; including replacement of elastomeric expansion devices, repair of a steel plate expansion dam, and repair or replacement of approximately 10 feet of roadway surfacing on each side of the two expansion devices.

The principal components of the work to be performed under these specifications include the following:

- a. Excavation, removal, and disposal of existing bituminous surfacing from the Nevada Spillway Parking Lot (approx 33,000 sq. ft.) Includes removal and salvage of 45 wheel stops from existing parking spaces.
- b. Removal of approximately 4 inches of existing base material.
- c. Compaction of sub-base material; including placement and compaction of fill material in areas that have settled or require over-excavation to reach suitable sub-base material.
- d. Furnishing and placing aggregate base course; approximately 400 cubic yards.
- e. Furnishing and placing liquid asphalt prime coat.
- % f. Furnishing and placing plant-mix bituminous surfacing; approximately ~~300~~ **375** tons.
- % g. Reinstalling existing wheel stops and furnishing and installing ~~40~~ **20** new wheel stops for additional parking spaces. Painting stripes in the lot and reinstalling signs.

- h. Sandblast cleaning of expansion joints in the concrete driveway to the Nevada Spillway Parking Lot. Cleaned joints will be filled with caulking material that adheres to concrete.
- i. Removing existing elastomeric expansion devices and furnishing and installing new elastomeric expansion devices at the U.S. 93 bridge joints.
- j. Repair existing steel plate expansion dam at joint between U.S. 93 bridge and Visitor Center Parking Structure approach bridge.
- k. Repair or replacement of the pavement adjacent to the expansion joints at each end of U.S. 93 bridge in order to smooth out the transition.
- l. Removal of existing wooden guardrail at three locations along the Lower Portal Road; approximately 750 linear feet combined length. Furnishing and placing W-Beam guardrail at four locations along the Lower Portal Road; approximately 860 linear feet combined length.
- m. Assembling and installing approximately 543 linear feet of Government-furnished aluminum bridge railing on the parapet wall of the U.S. 93 bridge.
- n. Assembling and installing the Government-furnished aluminum sunshade above the elevator door of the 5th level of the Visitor Center Parking Structure.

C.1.3. Layout of Work and Quantity Surveys

- a. General.--The Contractor shall perform all layout surveys required for the control and completion of the work, and all necessary surveys to compute quantities of work performed.

The Government will establish primary control for establishing lines and grades required for the work.

Primary control consists of bench marks and horizontal control points in the vicinity of the work as described and indicated on the drawings. Before beginning work, the Contractor shall check and verify primary control, and discrepancies shall be resolved before proceeding.

The Contractor shall preserve and maintain primary control points until otherwise authorized. Primary control points damaged or destroyed by the Contractor prior to authorization may be reestablished by the Contracting Officer, and the expense of reestablishment will be deducted from amounts due, or to become due, the Contractor.

The Contractor shall provide experienced construction surveyors, and survey work shall be under the supervision and direction of an engineer or surveyor with a minimum of 2 years responsible charge of construction surveys for roadway alignments and grading and staking of parking lots or other construction similar in nature to that required by this contract. The Contractor shall maintain sufficient qualified personnel to perform required surveying work.

The rail and terminal sections, including curved rail sections, shall be fabricated in accordance with AASHTO M-180.

Terminal sections shall be shop formed so that the end of the rail when erected shall be a minimum of 9 inches back of the traffic face of the rail, and shall have the same splice detail as the rail.

The rail sections, including end sections, shall be galvanized in accordance with ASTM A525, coating G 210.

(2) Posts.--Posts shall be 6 feet long, with blocks as shown on the drawings. All posts shall be square and posts and blocks shall be Douglas fir, No. 1 grade, conforming to the Grading Rules for Western Lumber of the Western Wood Products Association.

Posts and blocks shall be given a preservative pressure treatment in accordance with Federal Specification TT-W-571J, except that for creosote or creosote solutions, the net retention shall be at least 8 pounds of the creosote preservative per cubic foot of post. Posts and blocks shall be cut to length and bored for boltholes before treatment.

(3) Bolts, nuts, and washers.--Bolts, nuts, and washers shall be galvanized in accordance with ASTM A307 and shall be designed to develop the required joint strength. The post bolt and connection shall develop a 5,000 pound side pull in either direction. The heads of all bolts shall be rounded to provide minimum obstruction.

(4) Reflectors.--Reflectors shall be galvanized steel tabs with reflective sheeting.

c. Erection.--Posts shall be spaced at 6-foot 3-inch centers, and shall be set plumb to the depth shown on the drawings. The postholes shall be backfilled in layers with approved material which shall be compacted thoroughly in such a manner as not to displace the posts from correct alignment. Variation in post or rail alignments, either horizontal or vertical, shall not exceed one-fourth inch from the theoretical alignment. Care shall be exercised to avoid injuring the surface of treated posts, and the use of hooks or similar tools will not be permitted. The rail sections shall be lapped at posts in the direction of traffic. A W-beam terminal section shall be placed at each end of the guardrail installation and shall be lapped on the face of the rail. The center of the rail shall be 21 inches above the top of the finished surfacing. Reflectors shall be installed on every other post.

d. Measurement and payment.--Measurement for payment for furnishing and erecting beam-type guardrail will be made along the face of the rail from center to center of posts, spanning from one end post to the other, and no allowance will be made for lap of rails at posts.

Payment for furnishing and erecting beam-type guardrail will be made at the unit price per linear foot bid therefor in the schedule, which unit price shall include the cost of furnishing and installing all wooden posts, rail, reflectors, and incidental parts; excavating and backfilling postholes, and furnishing and attaching guardrail terminal sections.

C.8.10. Precast Concrete Wheel Stops

In addition to the 45 existing precast wheel stops that the Contractor removed, stored, and reinstalled, the Contractor shall furnish and install new precast concrete wheel stops for 40
% **20** additional parking spaces. The configuration of the Nevada Spillway Parking Lot is shown on Drawing No. 45-301-6983.

The wheel stops shall be constructed of precast concrete; shall be approximately 6 inches wide, 6 inches high and 6 feet long; and shall be furnished complete with holddown devices.

The wheel stops shall be installed where shown on the drawing and shall be anchored firmly and in alignment.

Payment for furnishing new precast concrete wheel stops will be made at the unit price bid therefor in the schedule which price shall include the cost of all labor, equipment, materials, and incidentals associated with fabrication and delivery to the site.

The cost of installing the existing precast concrete wheel stops that were removed and salvaged and the cost of installing additional new precast concrete wheel stops shall be included in the lump sum price bid in the schedule for furnishing and applying permanent painted markings.

C.8.11. Installation of Bridge Railing and Sunshade

a. General.--The Contractor shall completely assemble and install the Government-furnished bridge railing and elevator sunshade.

b. Materials.--

(1) The government will provide the following materials at the jobsite:

(a) Approximately 543 linear feet of aluminum bridge railing, including all required mounting hardware and anchor bolts.

(b) One aluminum sunshade, including all required mounting hardware and anchor bolts.

c. Assembly and installation.--The Contractor shall provide all necessary labor and equipment to perform the following:

(1) The Contractor shall assemble and install approximately 532.5 linear feet of aluminum bridge railing on the eastern most parapet of the existing bridge according to this paragraph and as shown on Drawing No. 45-D-17019 and Shop Drawing Nos. P1, E1-1 thru E1-5, and MK-1 thru MK-6.